



Main Feature

1. Dielectric Strength up to 4,000VAC.
2. 8mm safety distance between coil and contact.
3. Two pinning types available: 3.2 and 5.0mm.
4. In accordance with IEC 60335-1 and IEC 60730-1.
5. Comply with RoHS and REACH regulations

Contact Rating

Load Type	EMR (D-3-1)	EMR (DM-5-1)	EMR (DB-5-1)
Rated Load (Resistive)	8A 250 VAC	8A 250 VAC	8A 250 VAC
	5A 30 VDC(U.L)	5A 30 VDC(U.L)	5A 30 VDC(U.L)
Contact capacity	2 FLA/12 LRA 250 VAC	2 FLA/12 LRA 250 VAC	-
	1/8 HP 250 VAC	1/8 HP 250 VAC	-
	Pilot Duty C300	Pilot Duty C300	-
Max. Allowable Voltage	AC 380V	AC 380V	AC 380V
	DC120V	DC120V	DC120V
Max. Allowable Current	8A	8A	8A
Max. Allowable Power Force	2,000VA	2,000VA	2,000VA
	150W	150W	150W
Contact Material	Ag Alloy	Ag Alloy	Ag Alloy
Contact Form	SPDT	SPST	SPST

Application

Heating Control, Interface Technology, Domestic Appliances, Timer, Temperature Control

Performance (at Initial Value)

- Contact Resistance 100 mΩ Max. @1A,6VDC
- Operate Time 12mSec. Max.
- Release Time 4 mSec. Max.
- Dielectric Strength:
 - Between Coil & Contact..... 4,000VAC at 50/60 Hz for one minute
 - Between Contacts 1,000VAC at 50/60 Hz for one minute
- Surge Strength..... 10,000V(between coil & Contact 1.2×50μSec.)
- Insulation Resistance 1,000MΩ Min. at 500VDC
- Max. On/Off Switching:
 - Electrical 6 Cycles per Minute
 - Mechanical 300 Cycles per Minute
- Temperature Range -40~+85°C.
- Humidity Range..... 45~85% RH.
- Coil Temperature Rise 40°C Max.

- Vibration:
 - Endurance..... 10 to 55 Hz dual amplitude width 1.5 mm
 - Error Operation 10 to 55 Hz dual amplitude width 1.5 mm
- Shock:
 - Endurance 1,000 m/S²
 - Error Operation 100 m/S²
- Life Expectancy:
 - Electrical..... 10⁵ Operations at Rated Resistive Load
 - Mechanical 10⁷ Operations at No load condition
- Weight About 11.0 g

Safety Standard & File Number

- UL & C-UL..... E141060
- VDE..... 40016958